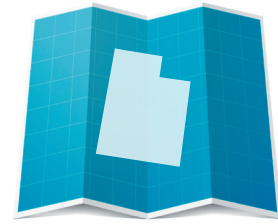


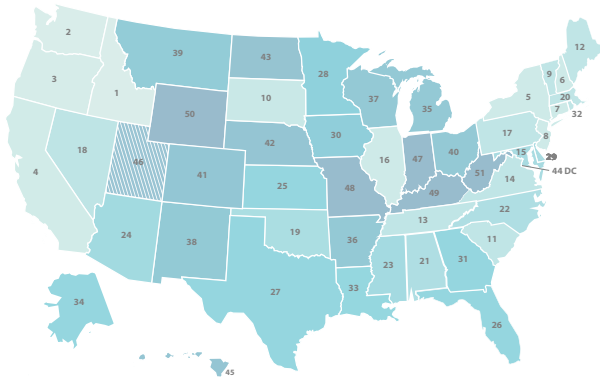
HOW DOES UTAH STACK UP ON CLEAN ENERGY?



DATA AS OF 2019

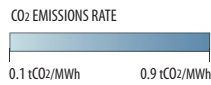


LOWEST CO₂ EMISSIONS RATE

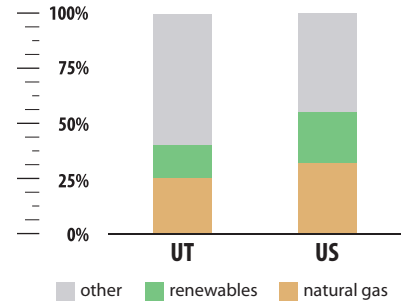


#46

0.72 tCO₂/MWh



ELECTRICITY SOURCES



CLEAN ENERGY JOBS

#28

48,465 (2019)



COVID-19 job losses totaled at least 2,895 March-August 2020 (cumulative).



CLEAN ENERGY RANKINGS

#22

ENERGY EFFICIENCY SCORE = 19.5



#30

25% GENERATION FROM NATURAL GAS



#28

12% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#29

75 MW (2019)

NEW BUILD



#33

2,205 MW

CUMULATIVE



ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR UTAH



\$130.6 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY19

\$13.5 MILLION Office of Science grants in FY19

\$79.3 MILLION State and Indian energy programs, environmental cleanup, and other routine activities in FY19

\$38.5 MILLION Advanced Research Projects Agency-Energy grants since FY2009

14 GRANTS By ARPA-E since 2009

IMPACTS OF FEDERAL R&D IN ENERGY SECTOR (TOTAL, 2018)

#37 160 JOBS SUPPORTED

#38 \$14 MILLION CONTRIBUTED TO GDP

BUSINESS SPOTLIGHT

SUSTAINABLE ENERGY SOLUTIONS (OREM, UT) | www.SesInnovation.com



Sustainable Energy Solutions is an engineering firm designing innovative technologies for carbon sequestration, natural gas treating, and efficient heat exchangers. The company's flagship technology, Cryogenic Carbon Capture (CCC), was developed with support from several Department of Energy and ARPA-E awards. CCC is a post-combustion technology that has the potential to reduce emissions by 95-99%, at half the cost of similar technologies.